

EXHIBIT E

IMMUNOREACTIVE SCORE OF EAG1 EXPRESSION IN NORMAL AND NEOPLASTIC TISSUES

NORMAL TISSUE (N) ^a	EAG1 EXPRESSION			NEOPLASTIC TISSUE (N) ^b	
	RANGE OF SI ^c	RANGE OF SA	MAX. IRS	RANGE	IRS \geq
Esophagus (4)	0-1	0-3	4	Esophagus carcinoma (8)	5-6 100
Stomach (5)	-surface epithelium and neck cells 0-1 -gastric gland parietal cells 1 -gastric gland chief cells 2-3	0-2 2-3 3	3 4 6	Gastric carcinoma (10)	2-6 89
Duodenum (2)	0	0	0		
Small intestine	0	0	0		
Large intestine, appendix (4)	0-1	0-3	4	Colon carcinoma (8)	4-6 75
Salivary gland (1)	0	0	0		
Liver (2)	0	0	0	Hepatocellular carcinoma (10)	5-6 100
Gallbladder and bile duct (4)	0	0	0	Gallbladder carcinoma (5)	2-6 80
Pancreas (2)	-ducts 0 -acini 2 -endocrine islets 1	0 3 3	0 5 4	Pancreatic carcinoma (8)	4-6 73
Kidney (3)	-tubular epithelium 1 -collecting duct epithelium 1	3 3	4 4	Renal cell carcinoma (9)	5-6 100
Transitional epithelium of the urinary tract (5)	0	0	0	Transitional cell carcinoma (4)	4-6 89
Prostate (3)	-glands 0-2 -stroma 0-1	0-1 0-1	3 2	Prostate carcinoma (56)	4-6 98
Seminal vesicles (2)	0-1	0-1	2		
Testis (1)	-cells of spermatogenesis 2 -Sertoli cells 0 -Leydig cells 1	3 0 3	5 0 4		
Cervix uteri (2)	-ectocervix 0-1 -endocervix 1-2	0-2 2-3	3 5	Cervical carcinoma (9)	4-6 78
Endometrium (5)	-epithelium 2 -stroma 0	2-3 0	5 0	Endometrial carcinoma (10)	5-6 100
Myometrium (2)	0-1	0-3	4		
Fallopian tube (4)	0-1	0-3	4		
Ovary (3)	-surface epithelium 0 -follicular epithelium 0-1 -stroma cells 0	0 0-3 0	0 4 0	Cystadenocarcinoma of the ovary (10)	5-6 100
Placenta	- trophoblast cells 3 - stroma 0 - Hofbauer cells 1	3 0 2	3 0 2		
Mammary gland (3)	-ductulo-lobular epithelium 1 - extralobular duct epithelium 0	3 0	3 0	Breast carcinoma (60)	3-6 93
Lung (3)	-alveolar surface 1 -bronchus epithelium 0 -submucous glands 1	2 0 2	2 0 3	Bronchus carcinoma (10)	4-6 90
Lymph node, tonsil, spleen (4)	-surface squamous epithelium 0 -follicle center lymphocytes 0-1 -plasma cells 1-2 -lymphocytes of the interfollicular area 0 -macrophages 2	0 0-1 2-3 0 0 3	0 2 5 0 0 5		
Thymus (2)	-lymphocytes 0-1 -epithelia 0-1	0-2 0-2	3 3		
Bone marrow (1)	-erythropoiesis 0 -myelopoiesis 1 -thrombopoiesis 1	0 3 1	0 4 2		
Thyroid gland (1)	0	0	0	Thyroid papillary carcinoma (9)	5-6 100
Parathyroid gland (1)	1	3	4		
Hypophysis (2)	-adenohypophysis 2 - 0	3 0	5 0		
Adrenal gland, cortex (3)	1-2	1-3	5		
Autonomous nervous system	-ganglion cells (4)	1-2	3		

	-adrenal gland, medulla	2	3	5		
Endocrine pancreas (2)		1	3	4		
Skin (7)		0	0	0	Basaloma, spinocelloma (10)	0-5 10
- melanocytes	0	0	0	Malignant melanoma (59)	0-6 37	
- skin adnexes	1	3	4			
Skeletal muscle (3)		0-1	0-2	3		
Heart muscle (5)		0-2	0-2	4		

^aThe number of analyzed cases is shown in brackets;

^bExpression of EAG1 in normal tissue: range of signal intensity, SI; range of positive organ specific cells, staining amount, SA; highest immunoreactive score in the analyzed cases, max. IRS;

^cExpression of EAG1 in neoplastic tissue: Range; range of IRS detected, %; percentage of cases with an IRS ≥.